CSCA55/CSCS55 — SOFTWARE ENGINEERING

Time : Three hours   Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1.   Write any two role of software.

2.   Write about software myths.

3.   What are Collaborative requirements?

4.   Write short note on data modelling.

5.   What is Architectural design?

6.   Write any two golden rules of data engineering.

7.   What is meant by debugging?

8.   Define system testing.

9.   What is Project?

10. Expand SQA.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Discuss about the Evolutionary process models.

Or

(b) Write about the Software Process models.

12. (a) Explain the requirements of engineering process.

Or

(b) Disucss about the Eliciting requirements.

13. (a) Narrate the Design model in data engineering.

Or

(b) Explain the concepts of design in data engineering.

14. (a) Illustrate the Black Box testing method.

Or

(b) Briefly explain the Softwares testing fundamentals.

15. (a) Explain the Project planning process.

Or

(b) What is Quality? Explain the concepts of quality.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Briefly explain the concept of Software engineering.

17. Write about the Elements of requirements model.

18. Describe the Software Architecture.

19. Explain the strategic approach to software testing.

20. State the Estimation of project management.